

## Page 1 of 1

All amounts are calculated in domestic currency.

[illegible]

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7

Tel.: 450 641-3330

## Shipping Order

02/02/2017

Order : 122530  
Reference : 35148  
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

### Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
SF14124	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 FLA .250 X .500 25 X 147" HT;56900658	306.25	306.25	Ø

SHIP JOURNEY COLLECT  
JP

Shipping : \_\_\_\_\_

Package No : \_\_\_\_\_

Ref. : \_\_\_\_\_

Merchandise Received: \_\_\_\_\_

**BOLLINGHAUS**  
**STEEL**Bollinghaus Steel, SA  
DIN EN ISO 9001:2008  
TUV CERT No. 01 200 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

No.: / Nr.: / Nr.:

0000122987

Unsere Innere Verweisung / Our Int. Ref / ref int

Datum / Date / Data

5800032873 000030

14.12.2016

Normen / Standards / Normas

TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A182/A182M-16a, ASTM A193/A193M-16, ASTM A479/A479M-16a, ASTM A320/A320M-15a, ASTM A314-15, ASTM A262-15 Pract. E, AMS QQ-S-783D, AMS 5639H, AMS 5847J, ASME SA479/SA479M, ASME SA276, ASME SA182/182M, ASME SA 193/SA193M, ASME SA320/SA320M, NACE MR0175-2015, execution as per ASTM A484/A484M-16.

Kunde / Customer / Cliente

Endgültiger Kunde / Final Customer / Cliente Final

Bestell Nr./Order Nr./Enc.Nr. C106375

Bestell Nr./Order Nr./Enc.Nr. C106375.01

Produktgruppe / Product Group / Grupo Produto

Gewicht / Weight / Peso

Bunde / Bundle / Atados

AISI 304/L FLAT 1/4 X 1/2"

953 lb

01

Werkstoff-Nr.  
Material no.  
Qualidade

1.4307

Werkstoff-Normbezeichnung / Material standard grade / Norma do material  
X 2 CrNi 18-9

Beschreibung / Description / Descrição

Stainless steel flat bars, hot rolled, solution annealed, straightened, pickled.  
US:DFAR 252.225-7000; MELT SOURCE: United Kingdom / MFG: Portugal.Schmelz-Nr.  
Cast no. / Fused no.

Chemische Analyse in % / Chemical composition in % / Análise química em %

58900899	C	0.030	Si	0.228	Mn	1.830	P	0.030	S	0.028	Cr	18.100	Ni	8.100
EAF+AOD	Mn	0.430	Co	0.205	Cu	0.298	N	0.084	Ti	0.003	Nb	0.021	Al	0.006

Prüben Nr.  
Test no.  
Amostra no.

ASTM E389

ASTM A370

Kerbschlagarbeit Impact Test Resiliência	Streckgrenze Yield point Tensão limite	Dehngrenze 1% point Limite de extensão	Zugfestigkeit Tensile strength Tensão de rotura	Dehnung Elongation Alongamento	Einschnürung Reduction of area Coef. Estricção
(Charpy V)	Rp 0.2 %	Rp 1.0%	Rm	A5	A40
[J]	[Ksi]	[Ksi]	[Ksi]	[%]	[%]
4038528.01.01	49.5	55.4	92.5	51.1	53.2

Visuelle Kontrolle  
Visual inspection  
Inspeção visual☒

Ok

ASTM E10

Hirte  
Hardness  
Dureza  
192  
[HB]

ASTM A262 Practice E

Korrosionsbeständigkeit

IC Test

☒

Corrosão Intermetálica

Ok

Wärmebehandlung  
Heat treatment  
Tratamento térmico

ASTM A484

Maßkontrolle  
Dimensional inspection  
Inspeção dimensional☒

Ok

ASTM E112

Korngröße  
Grain size  
Tamanho de grão  
9

Werkstoffverständiger

Quality Control Representative  
Inspector da Qualidade

Annealed Quenched 1900 °F (1050 °C)

(water quenched)

Verwechslungsprüfung  
Test of identity  
Teste de identificação☒

Ok

Makroskopische Untersuchung

Macrographic test

Material free from  
segregation defects.☒

Ok

Nuno Silva (Q-NS)

Bemerkungen / Remarks / Observações

Country of origin: Portugal. No weld repair done.  
Material is free of mercury and radiation contamination.

Bollinghaus Steel, SA

Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht.

We confirm that this material meets the specification according to the mentioned standards.

Confirmamos que este material respeita as especificações de acordo com as normas referidas.

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304 B0.250 X 0.500

PO / BATCH NO.: PO 35148 / 14136771

DATE: 17-02-07

MATERIAL CERT REC'D: Yes

QUANTITY RECEIVED: 25 X 12' (300')

QUANTITY INSPECTED: 25 X 12' (300')

QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250 X 0.500

THICKNESS RECEIVED: 0.250 X 0.500

SHEET SIZE ORDERED: 0

SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	Heat # 56900658
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>DAS 38</u> DATE: <u>FEB 07 2017</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO35148**

Purchase Order Date 1/31/2017 1:54:22 PM

PO Print Date 1/31/2017

Page Number 1 of 2

**Order From :**

VC-MET002

METAUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

E-MAILED

JAN 31 2017

**Contact Name**

**Vendor Phone** 800 558 8858

**Ship To Contact**

**Ship To Phone**

**Ship Via:** Journey Freight collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable CD Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
3	M304B0.250x0.500	304 BAR .250 x .500	2/6/2017 Yes 2/6/2017	300.00 f	\$4.25	\$1,275.00
MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS AS PER ASTM A276 OR ASTM A240						
NOTE: AISI 303 NOT ACCEPTABLE						
Line Total:						\$1,275.00
10	71401-45	PROCUREMENT QUALITY CLAUSES	2/6/2017 No 2/6/2017	1.00	\$0.00	\$0.00
Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality documents						

**PO Instructions:**

**Note:**

1/31/2017



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CA

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1270 ABERDEEN  
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**Ship Via:**

Journey Freight collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

**Line Total:** \$0.00

**PO Total:** \$1,275.00

**PO Instructions:**

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 1/31/2017